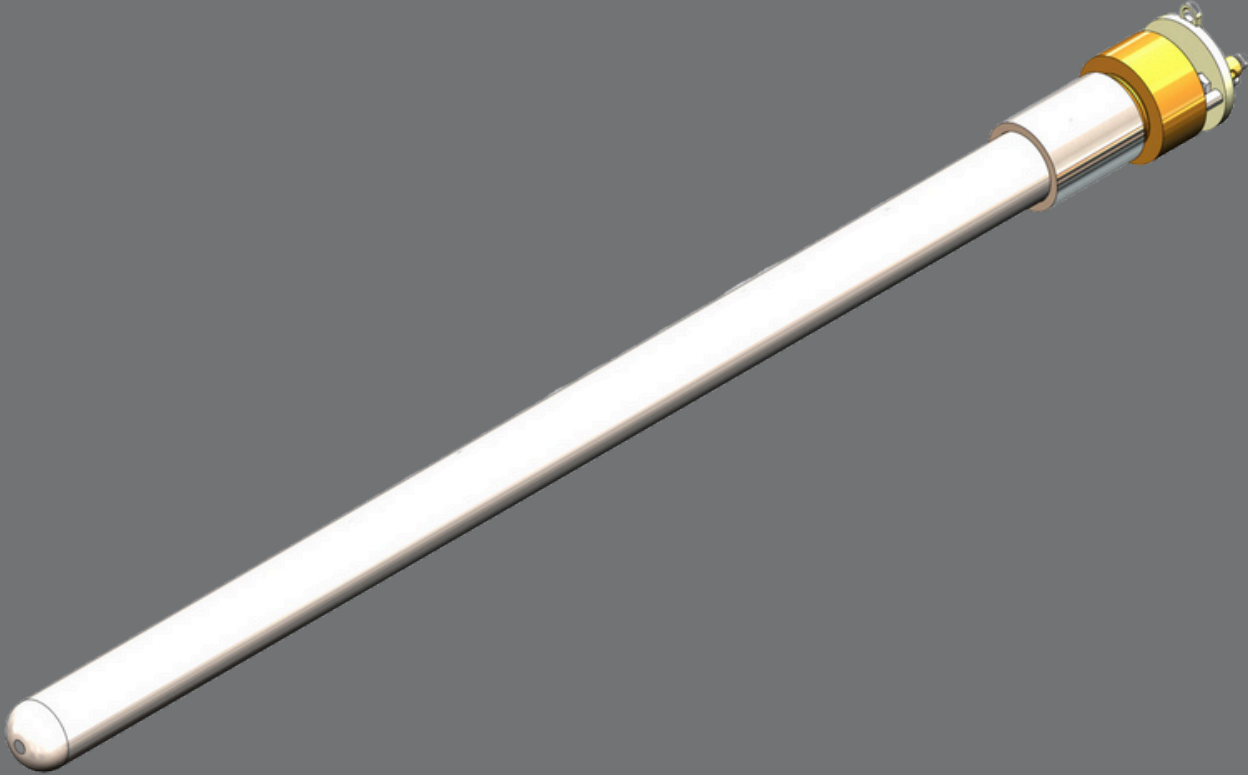


591 Noble metal open terminal head

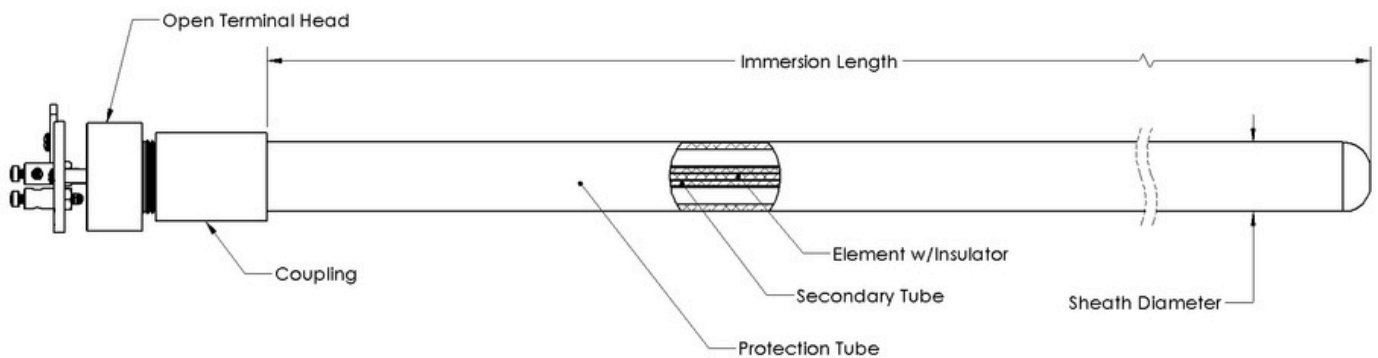


Overview

High temperature Noble metal thermocouple assembly. Elements are provided to match the ITS 1990 curve. 24 gauge (0.020") wire is standard, with other gauges also available. Insulators and protection tubes with cemented hex nipple are made of alumina, mullite, recrystallized silicon carbide and silicon carbide. Cast iron or aluminum screw cover heads are standard. Porcelain collar installed for vertical applications.

Technical specification

Feature	Description
Sensor type	High temperature Noble metal assembly
Tube length	6" to 96" in 6" increments
ANSI calibration	R, S and B
Accuracy	Standard limits of error, special limits of error (reference grade)
Insulator material	Standard alumina (A), with mullite (M) available as an option
Optional inner tube	Standard 1/4" x 3/8"; with options of mullite (M), alumina (A) or no inner tube (O)
Primary tube	Standard is 7/16" x 11/16" in mullite (M), alumina (A)
Secondary tube	Mullite (M) or alumina (A) with 1" NPT coupling or none (O)
Number of circuits	1, 2
Head material	Open terminal, aluminum, G7 material
Accessory	Optional split brass flange



United States of America

707 Jeffrey Way
Round Rock
Texas 78665-2408
USA

Tel: +1 512-434-2800

United Kingdom

Innovation House
Lancaster Road
Ferndown Industrial Estate
Wimborne
Dorset BH21 7SQ
UK

Tel: +44 (0) 1202 850 450

For more information

Web: cwic.curtisswright.com

Email: sales@nspi.curtisswright.com

About Curtiss-Wright

Curtiss-Wright Round Rock and Wimborne have worked with nuclear and industrial customers for over 60 years. We support customers across the world from facilities located in the US and UK. Our solutions are embedded in strategic national infrastructure and our people are active partners in customer programs that are focused on delivering advanced future nuclear and industrial capabilities.

Curtiss-Wright Corporation (NYSE: CW) is a global integrated business that provides highly engineered products, solutions and services mainly to Aerospace & Defense markets, as well as critical technologies in demanding commercial power, process and industrial markets. We leverage a workforce of approximately 8,600 highly skilled employees who develop, design and build what we believe are the best engineered solutions to the markets we serve. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing innovative solutions through trusted customer relationships.